AMENDMENTS TO THE CLAIMS

Please amend the claims 1 and 2 with the respective identically numbered claims as follows:

1. (currently amended) A fuel cell system for a portable electronic device, comprising:

a fuel cell capable of operating on hydrogen that is obtained from methanol; and

a reservoir for storing a supply of methanol, suitably connected to the fuel cell, wherein a fuel quantity measuring means is located within the reservoir, wherein the fuel quantity measuring means comprises:

an immersion capacitive unit, wherein the immersion capacitive unit comprises a plurality of pairs of plates placed in more than one location within the reservoir, wherein the supply of methanol in the reservoir forms a dielectric between ~~the~~ at least one of the plurality of pairs of plates of the immersion capacitive unit, and

electrical circuitry for measuring a capacitance value of the immersion capacitive unit produced using the dielectric.

2. (currently amended) A fuel cell system for a portable electronic device, comprising:

a fuel cell that operates on hydrogen obtained from a liquid hydrocarbon fuel; and

a reservoir for containing a supply of the liquid hydrocarbon fuel, said reservoir connected to the fuel cell, wherein a sensing means for measuring the amount of liquid hydrocarbon fuel that is present is located within the reservoir, wherein the sensing means comprises:

an immersion capacitive unit, wherein the immersion capacitive unit comprises a plurality of pairs of plates placed in more than one location within the reservoir, wherein ~~the~~ a supply of methanol in the reservoir forms a dielectric between ~~the~~ at least one of the plurality of pairs of plates of the immersion capacitive unit, and

electrical circuitry for measuring a capacitance value of the immersion capacitive unit produced using the dielectric.